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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/814,322	03/31/2004	John M. Myer	18084	5147

7590 10/13/2005

Robert J. Kapalka  
Tyco Technology Resources  
Suite 140  
4550 New Linden Hill Road  
Wilmington, DE 19808

EXAMINER

LE, THANH TAM T

ART UNIT PAPER NUMBER

2839

DATE MAILED: 10/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/814,322

Applicant(s)

MYER ET AL.

Examiner

Thanh-Tam T. Le

Art Unit

2839

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12 August 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7, 10-14 and 17-20 is/are rejected.
- 7) ☒ Claim(s) 8, 9, 15 and 16 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-3 and 17 are rejected under 35 U.S.C. 102(b) as being anticipated by Kosmala (5,645,454).

Regarding claims 1 and 17, Kosmala, figures 1 and 4-6, discloses a shielded jack assembly comprising:

- an insulator member (14) having pin receiving passageway, a rear slot intersecting the passageway at least to an outer surface of the insulator;
- a pin (12) having an elongate portion (20) and an orthogonally arranged PCB tine (22), which extends in the rear slot, the pin having a mating portion extending into the recess portion, where the pin is exposed;
- a shielded tube (36) extending at least partially along a length of the insulator member; and
- a metallic shell (38) having an outer body (44) conforming to an exterior contour of the shielded tube, side wall portions (52) and a rear plate portion (56) hingedly connected to the outer body and folded downwardly to enclose an end opening.

Art Unit: 2839

Regarding claim 2, figures 1 and 4, the insulator member, shielded tube and the outer body of the shell are cylindrical in cross section.

Regarding claim 3, the shielded tube and the ground shell are fixed together along their length.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 5-7, 10-11, 14, 18 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kosmala 5,645,454) in view of Regnier (6,575,761).

Regarding claims 5, 10-11 and 18, Kosmala discloses the instant claimed invention as described above except for an outer shroud portion.

Regnier, figure 1, discloses a coaxial connector module having a housing (16) reads as an outer shroud portion. It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide Kosmala to have the housing, as taught by Regnier, in order to protect the shielded tube.

Regarding claim 6, it is noted that Regnier discloses the outer shroud portion is stamped and formed to define a longitudinal overlapping seam.

Regarding claims 7, 14 and 20, it is noted that Regnier disclose a plurality of assembled insulator members, pins, shielded tubes, and ground shells, the shroud including a rear wall having a plurality of openings (not labeled) therethrough for receiving the plurality of assembled insulator members, pins, shielded tubes and ground shells.

5. Claims 4, 12-13 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kosmala and Regnier as applied to claims 1 and 10 above, and further in view of Skopic et al. (6,386,888).

Regarding claims 4, 12-13 and 19, Kosmala and Regnier disclose the instant claimed invention as described above except for the tube including a peripheral undercut.

Skopic et al., figure 2, disclose a modular connector having a conductive insert (92) having a groove (176), the groove reads on a peripheral undercut. It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide Kosmala to have the groove, as taught by Skopic et al. for better connection.

***Allowable Subject Matter***

6. Claims 8-9 and 15-16 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

7. The following is an examiner's statement of reasons for allowance:

None of the references in the record discloses the overlapping seam extends downwardly and inwardly and defines an alignment rib for a mating connector, as set forth in the claimed combination.

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Response to Arguments***

9. Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.

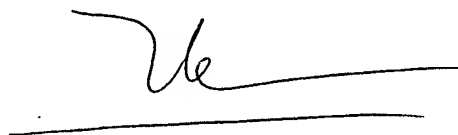
### ***Conclusion***

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh-Tam T. Le whose telephone number is 571-272-2094. The examiner can normally be reached on 7:30-5:00.

11. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TC Patel can be reached on 571-272-2098. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2839

12. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'T. Le', is written over a horizontal line.

Thanh-Tam T. Le  
Primary Examiner  
Art Unit 2839

TL.  
10/07/05.